

Message

From: Salera, Jerry@DOC [Jerry.Salera@conservation.ca.gov]
Sent: 2/13/2013 2:42:25 AM
To: Dermer, Michele [Dermer.Michele@epa.gov]; Robin, George [Robin.George@epa.gov]
CC: Albright, David [Albright.David@epa.gov]
Subject: Formal Submission of Minor Aquifer Exemption Application - Cat Canyon Oil Field, Sisquoc Aquifer
Attachments: Map 6 - Cat Canyon Oil Field Freshwater Well Locations.pdf; 1 Aquifer Exemption Summary Sheet.pdf; 2 Agency and Public Comment Summary Sheet.pdf; Appendix A - Cat Canyon Oil Field 1971.pdf; Appendix B - Cat Canyon Oil Field 1991.pdf; Appendix C - ERG Cyclic Steam Process Flow Diagram.pdf; Appendix D - ERG proof of publication 1.pdf; Appendix E - ERG proof of publication 2.pdf; Appendix F - ERG proof of publication 3.pdf; Appendix G - ERG_RWQCB_Letter_12_21_2012.pdf; Appendix H - Correspondence ERG-RWQCB.pdf; Map 1 - Cat Canyon Oil Field.pdf; Map 2 - Cat Canyon Oil Field Well Locations and Leases.pdf; Map 3 - Aquifer Exemption Cross Section Overview Map .pdf; Map 4 - Aquifer Exemption Cross Section Package A-A'.pdf; Map 5 - Aquifer Exemption Cross Section Package B-B'.pdf; image003.jpg

















Hi Michele and George,

I am formally submitting this minor aquifer exemption application for EPA's consideration and approval. The files attached are enumerated below. Most of the maps and data have been previously submitted for initial review by George last December 5 and 13, 2012. I believe the applicant operator also sent to your office c/o George large format maps of their project area and cross-sections.

The proposed areas for exemption is within the administrative boundaries of the field (map 1). The operator has described these proposed areas close as practicable as possible in Section/Township/Range format to the 1992 productive limits map (map 2 and appendix B). However, I would propose that based in the cross-section data, there is basis to extend the productive limits further so that the proposed areas for exemption may possibly cover the whole of sections 24 and 25 T9N/R33W, the whole of sections 36 and 31, and the western half of section 32, all in T9N/R33W. These are shown in map 2 with the yellow dotted squares. This approach would be practical and cognizant of possible future expansions in those areas.

Please let me know if you have any comments or questions. Thank you.

Jerry

Name	Size	Type
 1 Aquifer Exemption Summary Sheet.pdf	326 KB	Adobe Acrobat Doc...
 2 Agency and Public Comment Summary Sheet.pdf	172 KB	Adobe Acrobat Doc...
 Appendix A - Cat Canyon Oil Field 1971.pdf	2,128 KB	Adobe Acrobat Doc...
 Appendix B - Cat Canyon Oil Field 1991.pdf	982 KB	Adobe Acrobat Doc...
 Appendix C - ERG Cyclic Steam Process Flow Diagram.pdf	422 KB	Adobe Acrobat Doc...
 Appendix D - ERG proof of publication 1.pdf	46 KB	Adobe Acrobat Doc...
 Appendix E - ERG proof of publication 2.pdf	47 KB	Adobe Acrobat Doc...
 Appendix F - ERG proof of publication 3.pdf	45 KB	Adobe Acrobat Doc...
 Appendix G - ERG_RWQCB_Letter_12_21_2012.pdf	52 KB	Adobe Acrobat Doc...
 Appendix H - Correspondence ERG-RWQCB.pdf	202 KB	Adobe Acrobat Doc...
 Map 1 - Cat Canyon Oil Field.pdf	1,434 KB	Adobe Acrobat Doc...
 Map 2 - Cat Canyon Oil Field Well Locations and Leases.pdf	1,557 KB	Adobe Acrobat Doc...
 Map 3 - Aquifer Exemption Cross Section Overview Map .pdf	1,375 KB	Adobe Acrobat Doc...
 Map 4 - Aquifer Exemption Cross Section Package A-A'.pdf	645 KB	Adobe Acrobat Doc...
 Map 5 - Aquifer Exemption Cross Section Package B-B'.pdf	654 KB	Adobe Acrobat Doc...
 Map 6 - Cat Canyon Oil Field Freshwater Well Locations.pdf	1,379 KB	Adobe Acrobat Doc...